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ATTY, DOCKET NO.

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M M SERIAL NO. -09/995,860-1-79/

APPLICANT
MAERTENS et al.

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November 29, 2001

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---------|-----------------|-------|----------|-------------------------------|
| MP | 5,610,009 | 3/1997 | Watanabie et al | | | |
| | 5,514,539 | 5/1996 | Bukh et al | | | |
| | 5,919,454 | 7/1999 | Brechot | | | |
| -1-1 | 5,308,750 | 5/1994 | Mehta et al | | | |
| | 5,871,962 | 2/1999 | Bukh et al | | | |
| | 5,830,691 | 3/1998 | Miyamura et al | | | |
| | 5,942,234 A | 8/1999 | Raiston et al | | | |
| J | 6,150,134 A | 11/2000 | Maertens et al | | | |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT | | | | | THANSLATION | |
|-----|---------------|--------|---------|-------|----------|-------------|----|
| | | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
| MNT | WO 93/15193 | 8/1993 | PCT | | | | |
| ' | WO 93/02103 | 2/1993 | PCT | | | | |
| | WO 93/04205 | 3/1993 | PCT | | | | |
| | WO 92/08734 | 5/1992 | PCT | | | | |
| | WO 98 21338 A | 5/1998 | WIPO | | | | |
| 1/ | WO 96 04385 A | 2/1996 | WIPO | | | | |
| 4 | | | | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

| | OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.) | | | | | |
|-----------|--|--|--|--|--|--|
| MM | Choo et al, "Vaccination of Chimpanzees Against Hepatitis C Virus", Proc. Natl. Acad. Sci., 1994, pp. 1294-1298. | | | | | |
| | Lanford et al, "Analysis of Hepatitis C Virus", Virology 197, pp. 225-235, 1993. | | | | | |
| | Nishihara et al, "Secretion and Purificatin of Hepatitis C", Gene 129; 207-214, 1993. | | | | | |
| | Raiston et al, "Characterization of Hepatitis C Virus", J. Virol 67:6753-6761, 1993. | | | | | |
| × | BOSMAN F ET AL: 'Purification of the hepatitis C virus envelope proteins and analysis of their oligomeric state." 48TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR THE STUDY OF LIVER DISEASES, CHICAGO, ILLINOIS, USA, NOVEMBER 7-11, 1997. HEPATOLOGY 26 (4 PART 2). 1997. 412A, XP002087226 see abstract 1136. | | | | | |
| | Ristoni et al, Compositional bias and mimicry toward the nonself proteome in immunodominant T cell epitopes of self and nonself antigens. FASEB (2000) Vol. 14, No. 3, pp. 431-438. | | | | | |
| | Paul, Fundamental Immunology, Raven Press, New York, NY 1993, 3 rd Edition, pg. 251, column 1, lines 11- 12. | | | | | |
| U | Baumert et al, Hepatisis C virus structural proteins assemble into virus like particles in insect cells. Journal of Virology (May 1998) Vol. 72, No. 5. pp. 3827-3836. | | | | | |
| *Examiner | Date Considered 12/5/09 | | | | | |
| | | | | | | |

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include of this form with next communication to application.

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| /// | (Use several sheets if necessary) | | RTENS et al. | | | | | | |
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| | | | U.S. PATENT DOCUMENTS | | 2/00/2 | 5 4 | • | | |
| *EXAMINER | | | | | 70 | – FÎLÎNÎ | G DATE | | |
| INITIAL A | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBOLASS | IF APP | OPRIAT | | |
| | 5,610,009 5,514,539 | 3/1997 5/1996 | Watanabie et al Bukh et al | | | | | | |
| | 5,919,454 | 7/1999 | Brechot | | <u> </u> | | | | |
| -+- | 5,308,750 | 5/1994 | Mehta et al | | | | | | |
| | 5,871,962 | 2/1999 | Bukh et al | | | | | | |
| | 5,830,691 | 3/1998 | Miyamura et al | | | | | | |
| | 5,942,234 A | 8/1999 | Ralston et al | | | | | | |
| | 6,150,134 A | 11/2000 | Maertens et al | | 1 | | | | |
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| | | FC | PREIGN PATENT DOCUMENTS | | | | | | |
| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANS YES | SLATION NO | | |
| MM | WO 93/15193 | 8/1993 | PCT | | | | T | | |
| 1 | WO 93/02103 | 2/1993 | PCT | | | | | | |
| | WO 93/04205 | 3/1993 | PCT | | | | | | |
| 7 | WO 92/08734 | 5/1992 | PCT | | | | | | |
| 7 | WO 98 21338 A | 5/1998 | WIPO | | | | | | |
| b/ | WO 96 04385 A | 2/1996 | WIPO | | | | | | |
| | | | | | | | | | |
| | | | including Author, Title, Date, Pe | | | | | | |
| MM | Choo et al, "Vaccination of Chimpanzees Against Hepatitis C Virus", Proc. Natl. Acad. Sci., 1994, pp. 1294 1298. | | | | | | | | |
| · | | Lanford et al, "Analysis of Hepatitis C Virus", Virology 197, pp. 225-235, 1993. | | | | | | | |
| | Nishihara et al, "Secretion and Purificatin of Hepatitis C", Gene 129; 207-214, 1993. | | | | | | | | |
| -+-+ | | | Hepatitis C Virus", J. Virol 67:6 | | | | | | |
| | BOSMAN F ET AL: 'Purification of the hepatitis C virus envelope proteins and analysis of their oligomeric state." 48TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR THE STUDY OF LIVER | | | | | | | | |
| | | | G OF THE AMERICAN ASSOCIAT S, USA, NOVEMBER 7-11, 1997. I | | | | 1 7 | | |
| | 412A, XP002087226 s | | | .Li /!! OLOGI | (1 MICI | | | | |
| | Ristoni et al, Composit | ional bias a | and mimicry toward the nonself pro | | nodominant | T cell e | pitopes | | |
| | of self and nonself ant | igens. FAS | SEB (2000) Vol. 14, No. 3, pp. 431- | 438. | | | | | |
| | Paul, Fundamental Imi | munology, | Raven Press, New York, NY 1993, | , 3 rd Edition, pg. | 251, columi | n 1, line | s 11- | | |

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Baumert et al, Hepatisis C virus structural proteins assemble into virus like particles in insect cells. Journal of

Date Considered

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*Examiner

Virology (May 1998) Vol. 72, No. 5. pp. 3827-3836.

6//8/01/ Form PTO-FB-A820 (Also PTO-1449)